

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A housing for a level measurement system, said housing comprising:
  - (a) an upper section;
  - (b) a lower section;
  - (c) said upper and said lower sections being coupled together to define an enclosure for housing electronic circuitry associated with the level measurement system;
  - (d) a reflective coating applied to a least a portion of said upper section, wherein said reflective coating is effective to reflect solar radiation.
2. (Previously Presented) The housing as claimed in claim 1, wherein said reflective coating is applied to the entire surface of said upper section.
3. (Previously Presented) The housing as claimed in claim 2 ~~or 3~~, wherein said reflective coating is applied to at least a portion of the interior surface of the housing.
4. (Previously Presented) The housing as claimed in claim 2 ~~or 3~~, wherein said reflective coating comprises a metallic film.
5. (Previously Presented) The housing as claimed in claim 2 ~~or 3~~, wherein said reflective coating comprises a mirrored finish.
- 6 - 12. (Canceled)